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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/721,456
Filing Date	November 22, 2000
First Named Inventor	Cech, Thomas R.
Group Art Unit	1651
Examiner Name	
Attorney Docket Number	015389-002615US

Total Number of Pages in This Submission

1

## ENCLOSURES (check all that apply)

☐ Fee Transmittal Form

☐ Fee Attached

☒ Amendment / Reply

☐ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Assignment Papers (for an Application)

☐ Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s)

☐ After Allowance Communication to Group

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter

☒ Other Enclosure(s) (please identify below):

Return Postcard

Substitute Specification

Marked-up Version of Specification

Remarks

The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name

Townsend and Townsend and Crew LLP

Scott L. Ausenhus

Reg. No. 42,271

Signature

*Scott Ausenhus*

Date

11-25-02

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Heather Savia

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*Heather Savia*

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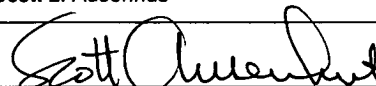
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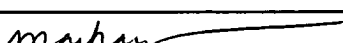
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<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s) (Figs. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10A, 10B, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55A, 55B, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Return Postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	Request for Transfer of Computer Readable Form
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	paper copy Sequence Listing
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Scott L. Ausenhus	Reg. No. 42,271
Signature		
Date	10-31-02	

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TOWNSEND and TOWNSEND and CREW LLP

By: Heather Sava

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PATENT  
Attorney Docket No.: 015389-002615US  
Client Ref. No.: 018/211C

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Cech et al.

Application No.: 09/721,456

Filed: November 22, 2000

For: HUMAN TELOMERASE  
CATALYTIC SUBUNIT

Examiner:

Art Unit: 1651

AMENDMENT - SUBMISSION OF  
SUBSTITUTE SPECIFICATION

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

*OK to enter  
amendment*

This paper is supplemental to the paper filed September 23, 2002, which was fully responsive to the Office Action mailed August 5, 2002. Please enter the following amendment and remarks.

IN THE SPECIFICATION:

Please replace the original specification filed November 22, 2000, with the substitute specification that is enclosed in accordance with the provisions of 37 C.F.R. 1.125.

REMARKS

This amendment is filed in response to the Examiner's request for a substitute specification in lieu of the amendment to the specification submitted by hand delivery on November 11, 2002.